Organization: Biomark, Inc.

Position: Fisheries Biologist

Location: Boise, ID

Duration: Full-time, Permanent

Our Mission: Biomark is the world-wide leader in the application of Radio-Frequency Identification (RFID) technologies for the interrogation of Passive Integrated Transponder (PIT) tags in fisheries and wildlife applications. The Applied Biological Services (ABS) division specializes in applied science towards fisheries and wildlife management and conservation; often employing PIT tag interrogation, and other relevant technologies to assess the productivity, abundance, and survival of target species.

We excel in:

- Combining imperfect data sources and estimators to reduce bias and uncertainty.
- Implementing modeling approaches to support finer spatial/temporal estimators from coarse data.
- Capitalizing on sampling opportunities to extend inference.
- The development and application of modeling approaches that can extend inference with quantitative measures of uncertainty/confidence.
- Developing static and interactive data services that deliver answers to management questions in a coherent and unambiguous manner.
- Implementation of cost-effective multidisciplinary data collection.

Role Within Organization: The Fisheries Biologist will primarily coordinate and implement a radio telemetry study characterizing the movement, distribution, and survival of juvenile Chinook salmon, during winter months, in the Salmon River, Idaho. Secondarily, the Fisheries Biologist will assist peers at Biomark ABS with related fisheries projects, as needed, including report writing, data analysis, and occasional support in the field.

Job Description: The Fisheries Biologist will lead a radio telemetry study to characterize the movement, distribution, and survival of juvenile Chinook salmon, during winter months, in the Salmon River, ID. The position is based in Boise, ID, but will require frequent travel to Salmon, Idaho, especially during winter months (Oct – Mar). Housing will be provided in Salmon, ID. Duties for the radio telemetry study include, but are not limited to:

- Set-up and take-down of fixed-site radio telemetry tracking stations.
- Coordinate radio-tagging of juvenile Chinook salmon during fall months.
- Coordinate downloading of radio tag data at telemetry stations along the Salmon River, ID.
- Organize and maintain radio tag data.
- Fish surveys, potentially including raft electrofishing (during winter months), to capture juvenile Chinook salmon on the mainstem Salmon River.
- Project coordination with state, federal, and private entities.
- Purchasing of materials and supplies related to the project.
• Analysis of radio tag and related observation data, primarily using R software.
• Producing annual technical and final project reports.

Secondarily, the Fisheries Biologist will support Biomark ABS by assisting peers (biologists, scientists, biometricians) as needed on related applied fisheries studies. Support will be provided by technical report writing as well as data analysis, field support, study design, and communications (presentations, workshops, etc.).

**Education/Minimum Qualifications:** Master’s degree in Fisheries Science, Biology, Ecology or related field; or bachelor’s degree in Fisheries Science, Biology, or Ecology plus 5 years of experience and a demonstrated ability to author reports and/or peer-reviewed manuscripts.

**Desired Qualifications:**
• Demonstrated ability to produce technical reports and/or peer-reviewed manuscripts in a time-efficient manner.
• Experience with radio telemetry or related telemetry techniques.
• Experience with electrofishing equipment.
• Experience with analysis of large datasets using Excel, R, or related software.
• Experience handling ESA listed anadromous salmonids including PIT tagging.
• A willingness to operate a raft on large rivers, in winter conditions.
• Ability to work long days and weekends and possibly camp for multiple days in adverse weather.
• Applicants must be flexible, have a positive attitude, and the ability to work independently and as a team.
• The ability to communicate effectively with peers, supervisors, landowners, as well as state, federal, tribal, and private collaborators.

**Working Conditions and Physical Demands:**
• Applicants need to be self-reliant and comfortable working in moving water, especially in winter conditions.
• Ability to carry >50 lbs on uneven terrain.

**Compensation:** Salary depends on experience. Position is eligible for paid time off, health, and retirement benefits.

**Closing Date:** October 12, 2018

**To Apply:** Please send a cover letter detailing your interests and related experiences to the position, CV, list of three references, and a writing sample (technical report or manuscript) via e-mail to jobs@biomark.com.

Biomark is an equal opportunity employer and does not discriminate on the basis of race, religion, color, national origin, age, sex, gender, disability or any other characteristic protected by law.